

# SILICONE RUBBER

WIRE AND CABLE  
Non-Shielded

70,000 ft (21.3km)  
-55° to 125° C

Silicone rubber insulated high voltage wire and cable offer excellent dielectric strength and flexibility. Operation over a wide temperature range and ease of silastic bonding are other outstanding characteristics of silicone rubber cable. Due to the relatively softer nature of silicone insulation when compared to other insulation materials, these wires are more susceptible to “pin-hole” breakdown, abrasion, and some dielectric/coolant fluid incapacibilities exist.



## NON-SHIELDED SILICONE RUBBER WIRE ATTRIBUTES

Part Number	Operating Voltage (kVDC)	Conductor		Plating	Conductor Diameter	Diameter over Insulation
		AWG	Strands		in/mm	in/mm
167-9634	10	20	19/32	SPC	.037 / 0.94	.100 / 2.54
167-8653	13	20	19/32	SPC	.037 / 0.94	.125 / 3.17
167-9193	17	18	19/30	SPC	.049 / 1.25	.150 / 3.81
178-7200	17	16	41/32	SPC	.060 / 1.52	.165 / 4.19
167-9169	20	16	19/29	SPC	.058 / 1.47	.180 / 4.57
178-6195	35	16	26/30	TPC	.060 / 1.52	.266 / 6.76
167-9180	45	16	19/29	SPC	.058 / 1.47	.280 / 7.11
178-6181	60	14	19/27	TPC	.067 / 1.70	.390 / 9.90

When ordering, use part number and specify length in feet. Contact factory for color options and availability, or please specify color requested when ordering.

Product numbers and specs subject to change without notice. Products listed represent only a small selection of Teledyne Reynolds' products. Please visit [www.teledynereynolds.com](http://www.teledynereynolds.com) for the most up to date product information. Contact Teledyne Reynolds' Engineering to discuss custom designs.